

# MAP EXPLANATION

- Faults mapped by CDWR (1963), dashed where approximately located, dotted where concealed; U denotes upthrown side, D denotes downthrown side.
- Faults mapped by Gay and Aune (1958, and unpublished field maps), dotted where concealed.
- Faults mapped by Burnett (unpublished aerial photo interpretation).
- Recently active faults mapped by Bryant (this report), based on air photo interpretation and limited field mapping (indicated by f/c and date). Solid line indicates well-defined feature, dashed where approximately located, short dash where inferred, dotted where concealed; queries indicate additional uncertainty; hachures indicate extent and direction scarp faces.
- Locality referred to in text.
- Fault is well-defined and/or was verified as exhibiting geomorphic evidence of latest Pleistocene to Holocene displacement by Bryant (this report).
- Fault is not well-defined and/or was not verified as exhibiting geomorphic evidence of latest Pleistocene to Holocene displacement by Bryant (this report).

## Key to faulted and unfaulted deposits

- deposit offset
- deposit not offset
- H - Holocene
- Q - Quaternary
- L - late Pleistocene
- b - bedrock

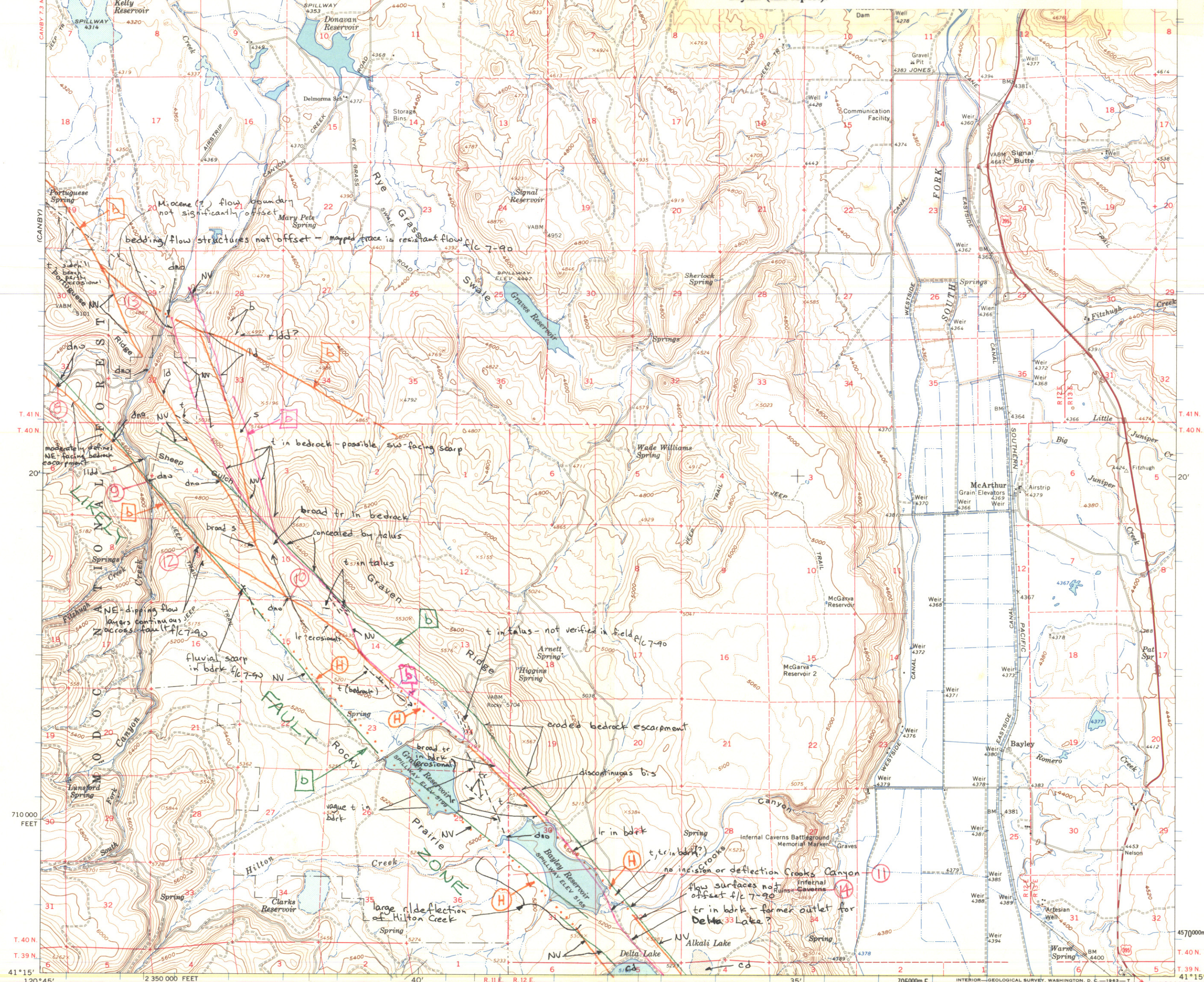
## Scarp Profile Data measured by Bryant (this report)

- scarp-slope angle
- h-scarp height
- c-scarp crest width

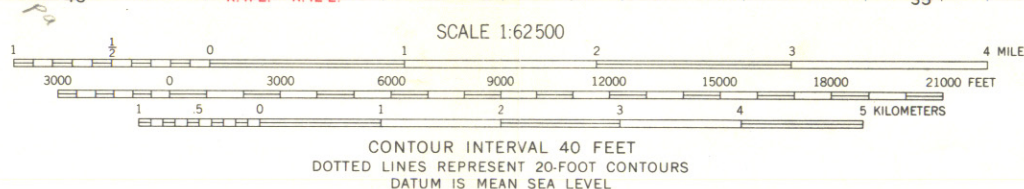
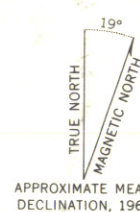
## Geomorphic features indicative of fault reactivity and/or location, based on air photo interpretation and field mapping by Bryant (this report)

- b - bench
- bd - beheaded drainage
- bis - break in slope
- cd - closed depression
- dd - deflected drainage
- lr - linear ridge
- ll - left lateral
- dno - drainage not offset
- dov - drainage offset vertically or exhibits "wineglass" configuration
- ld - linear drainage
- lr - linear ridge
- pa - ponded alluvium
- s - saddle
- t - tonal lineament
- tr - trough

Figure 2b (to FER-218). Traces of the Likely fault zone in the Canby - Madeline Plains study area, based on available mapping of others and air photo interpretation by Bryant (this report).



Maped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1958 and planetable surveys 1961  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on California coordinate system, zone 1  
1000-meter Universal Transverse Mercator grid ticks,  
zone 10, shown in blue  
Red tint indicates area in which only landmark buildings are shown  
Where omitted, land lines have not been established



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
U.S. Route



ALTURAS, CALIF.  
N4115—W12030/15

1961